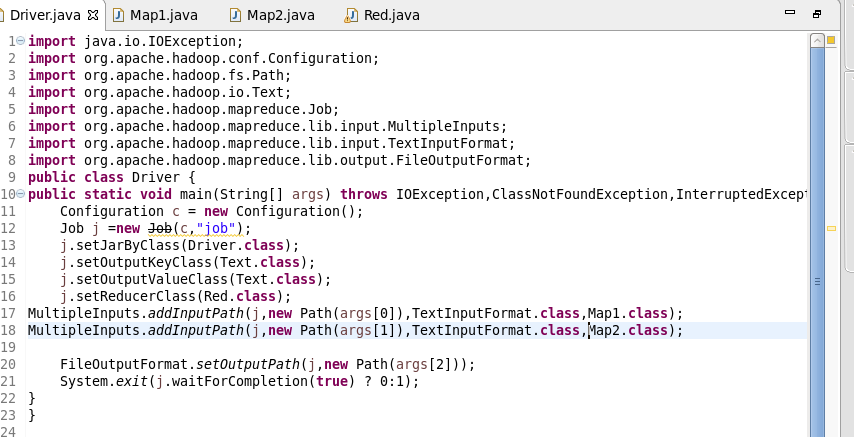
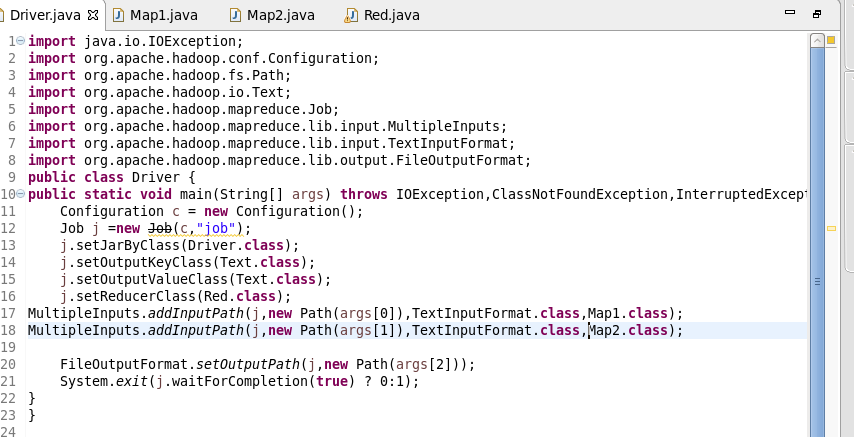
**ASSIGNMENT – 16.3**

1. Execute Session 16 - Assignment 1 (Machine and Sensor data analysis) using Reduce side join and compare which join is faster in normal conditions.

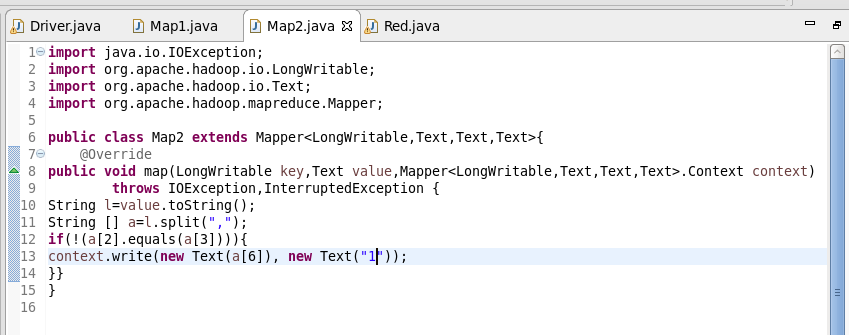
**DRIVER CLASS :**



**MAPPER CLASS 1 :**



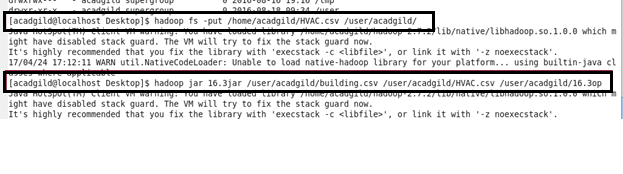
**MAPPER CLASS 2 :**



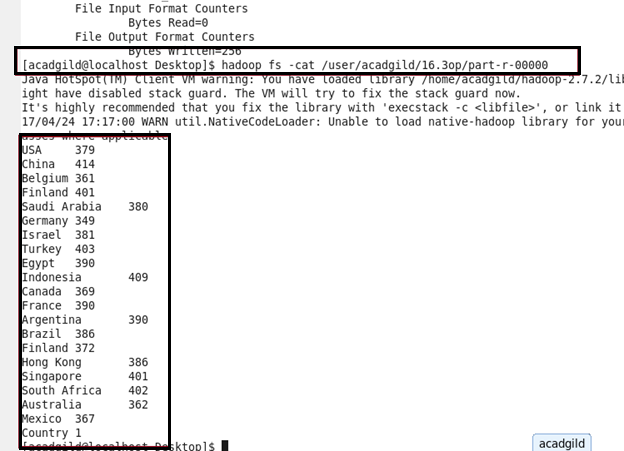
**REDUCER CLASS :**



**RUNNING JAR :**

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**OUTPUT :**

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